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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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=> s "galectin-11"  
L1 73 "GALECTIN-11"

=> s l1 and fusion protein  
5 FILES SEARCHED...  
L2 6 L1 AND FUSION PROTEIN

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 6 USPATFULL on STN

TI Polynucleotides and polypeptides encoding receptors  
AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:202625 USPATFULL  
TITLE: Polynucleotides and polypeptides encoding receptors  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonville, MD, UNITED STATES  
Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176044	A1	20050811
APPLICATION INFO.:	US 2005-41419	A1	20050125 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-156136, filed on 29 May 2002, ABANDONED Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, ABANDONED Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)

US 1997-34205P 19970121 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 16 Drawing Page(s)  
LINE COUNT: 2882  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 6 USPATFULL on STN

TI Neuronal growth factor galectin-1

AB This invention relates to a remedy for neuropathy, such as nerve injury, nerve degeneration, and hypofunction upon nerve grafting, which contains as the active ingredient galectin-1 having an amino acid sequence represented by SEQ ID NO:1 or its derivative; a protein having the amino acid sequence represented by SEQ ID NO:1 or one having a homology of 90% or more at the amino acid level with the sequence of SEQ ID NO:1 and carrying a disulfide bond(s) at least between Cys at the 16-position (Cys 16) and Cys at the 88-position (Cys 88) among cystein residues at the 2-position (Cys 2), 16-position (Cys 16), 42-position (Cys 42), 60-position (Cys 60), 88-position (Cys 88) and 130-position (Cys 130); and a process for producing the galectin-1 or its derivative protein by using an affinity column having an antibody to the above protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:113978 USPATFULL  
TITLE: Neuronal growth factor galectin-1  
INVENTOR(S): Horie, Hidenori, Kanagawa, JAPAN  
Inagaki, Yoshimasa, Gunma, JAPAN  
Sohma, Yoshiaki, Gunma, JAPAN  
Kadoya, Toshihiko, Gunma, JAPAN  
PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6890531	B1	20050510
	WO 2000006724		20000210
APPLICATION INFO.:	US 2001-744931		19990729 (9)
	WO 1999-JP4091		19990729
			20010507 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-10218216	19980731
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Kemmerer, Elizabeth	
ASSISTANT EXAMINER:	Wegert, Sandra	
LEGAL REPRESENTATIVE:	Foley & Lardner LLP	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	2988	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 6 USPATFULL on STN

TI Biologic modulations with nanoparticles

AB Small particles are disclosed for use in biological systems, including the delivery of biologically active agents to cells or tissues using nanoparticles of less than about 200 nm in approximate diameter. A

particle having a bioactive component, a surfactant molecule, a biocompatible polymer, and a cell recognition component, wherein the cell recognition component has a binding affinity for a cell recognition target are also disclosed. Compositions and methods of use are also set forth.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:31713 USPATFULL  
TITLE: Biologic modulations with nanoparticles  
INVENTOR(S): John, Constance M., San Francisco, CA, UNITED STATES  
Unger, Gretchen, Chaska, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004023855	A1	20040205
APPLICATION INFO.:	US 2003-409786	A1	20030408 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2002-100343	20020610
	US 2002-394315P	20020708 (60)
	US 2002-370882P	20020408 (60)
	US 2002-428296P	20021122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Kenneth I. Kohn, KOHN & ASSOCIATES, PLLC, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI, 48334	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	3149	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 6 USPATFULL on STN

TI **Galectin 11**

AB The present invention relates to novel **galectin 11** proteins which are members of the galectin superfamily. In particular, isolated nucleic acid molecules are provided encoding the human **galectin 11** proteins. **Galectin 11** polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of **galectin 11** activity. Also provided are diagnostic and therapeutic methods.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:295026 USPATFULL  
TITLE: **Galectin 11**  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Belo Horizonte - Mg, BRAZIL  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Liu, Fu-Tong, San Diego, CA, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
La Jolla Institute for Allergy and Immunology, San Diego, CA (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003208044	A1	20031106
APPLICATION INFO.:	US 2003-455366	A1	20030606 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-557170, filed on 21 Apr 2000, GRANTED, Pat. No. US 6605699 Continuation-in-part		

of Ser. No. US 1998-109864, filed on 6 Jul 1998,  
ABANDONED Continuation-in-part of Ser. No. US  
1998-10146, filed on 21 Jan 1998, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
	US 1999-169932P	19991210 (60)
	US 1999-130390P	19990421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	11569	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L2 ANSWER 5 OF 6 USPATFULL on STN  
TI **Galectin-11** polypeptides  
AB The present invention relates to **galectin 11**  
proteins which are members of the galectin superfamily. In particular,  
the present invention relates to full-length polypeptides, fragments,  
and variants of **galectin 11**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:216222 USPATFULL  
TITLE: **Galectin-11** polypeptides  
INVENTOR(S): Ni, Jian, Rockville, MD, United States  
Gentz, Reiner L., Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Liu, Fu-Tong, San Diego, CA, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United  
States (U.S. corporation)  
La Jolla Institute for Allergy and Immunology, San  
Diego, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6605699	B1	20030812
APPLICATION INFO.:	US 2000-557170		20000421 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-109864, filed on 6 Jul 1998, now abandoned Continuation-in-part of Ser. No. US 1998-10146, filed on 21 Jan 1998, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34205P	19970121 (60)
	US 1997-34204P	19970121 (60)
	US 1999-169932P	19991210 (60)
	US 1999-130390P	19990421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Gambel, Phillip	
ASSISTANT EXAMINER:	Roark, Jessica H.	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	11440	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 6 USPATFULL on STN

TI Polynucleotides and polypeptides encoding receptors  
AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:187906 USPATFULL  
TITLE: Polynucleotides and polypeptides encoding receptors  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Gentz, Reiner, Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003129696	A1	20030710
APPLICATION INFO.:	US 2002-156136	A1	20020529 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, PENDING Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	4490	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS, BIOTECHDS, BIOSIS' ENTERED AT 14:15:56 ON 25 OCT 2005

L1 73 S "GALECTIN-11"  
L2 6 S L1 AND FUSION PROTEIN

=> s l1 and HSA or albumin  
L3 420360 L1 AND HSA OR ALBUMIN

=> s l1 and (HSA or albumin)  
L4 4 L1 AND (HSA OR ALBUMIN)

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 4 USPATFULL on STN

TI Neuronal growth factor galectin-1  
AB This invention relates to a remedy for neuropathy, such as nerve injury, nerve degeneration, and hypofunction upon nerve grafting, which contains as the active ingredient galectin-1 having an amino acid sequence represented by SEQ ID NO:1 or its derivative; a protein having the amino

acid sequence represented by SEQ ID NO:1 or one having a homology of 90% or more at the amino acid level with the sequence of SEQ ID NO:1 and carrying a disulfide bond(s) at least between Cys at the 16-position (Cys 16) and Cys at the 88-position (Cys 88) among cysteine residues at the 2-position (Cys 2), 16-position (Cys 16), 42-position (Cys 42), 60-position (Cys 60), 88-position (Cys 88) and 130-position (Cys 130); and a process for producing the galectin-1 or its derivative protein by using an affinity column having an antibody to the above protein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:113978 USPATFULL  
 TITLE: Neuronal growth factor galectin-1  
 INVENTOR(S): Horie, Hidenori, Kanagawa, JAPAN  
 Inagaki, Yoshimasa, Gunma, JAPAN  
 Sohma, Yoshiaki, Gunma, JAPAN  
 Kadoya, Toshihiko, Gunma, JAPAN  
 PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6890531	B1	20050510
	WO 2000006724		20000210
APPLICATION INFO.:	US 2001-744931		19990729 (9)
	WO 1999-JP4091		19990729
			20010507 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-10218216	19980731
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Kemmerer, Elizabeth	
ASSISTANT EXAMINER:	Wegert, Sandra	
LEGAL REPRESENTATIVE:	Foley & Lardner LLP	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	2988	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 4 USPATFULL on STN

TI Biologic modulations with nanoparticles

AB Small particles are disclosed for use in biological systems, including the delivery of biologically active agents to cells or tissues using nanoparticles of less than about 200 nm in approximate diameter. A particle having a bioactive component, a surfactant molecule, a biocompatible polymer, and a cell recognition component, wherein the cell recognition component has a binding affinity for a cell recognition target are also disclosed. Compositions and methods of use are also set forth.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:31713 USPATFULL  
 TITLE: Biologic modulations with nanoparticles  
 INVENTOR(S): John, Constance M., San Francisco, CA, UNITED STATES  
 Unger, Gretchen, Chaska, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004023855	A1	20040205
APPLICATION INFO.:	US 2003-409786	A1	20030408 (10)

	NUMBER	DATE
	-----	-----
PRIORITY INFORMATION:	WO 2002-100343	20020610
	US 2002-394315P	20020708 (60)
	US 2002-370882P	20020408 (60)
	US 2002-428296P	20021122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Kenneth I. Kohn, KOHN & ASSOCIATES, PLLC, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI, 48334	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	3149	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 3 OF 4 USPATFULL on STN

TI **Galectin 11**

AB The present invention relates to novel **galectin 11** proteins which are members of the galectin superfamily. In particular, isolated nucleic acid molecules are provided encoding the human **galectin 11** proteins. **Galectin 11** polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of **galectin 11** activity. Also provided are diagnostic and therapeutic methods.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:295026 USPATFULL  
 TITLE: **Galectin 11**  
 INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
 Gentz, Reiner L., Belo Horizonte - Mg, BRAZIL  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Liu, Fu-Tong, San Diego, CA, UNITED STATES  
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
 La Jolla Institute for Allergy and Immunology, San Diego, CA (U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003208044	A1	20031106
APPLICATION INFO.:	US 2003-455366	A1	20030606 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-557170, filed on 21 Apr 2000, GRANTED, Pat. No. US 6605699 Continuation-in-part of Ser. No. US 1998-109864, filed on 6 Jul 1998, ABANDONED Continuation-in-part of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
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PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
	US 1999-169932P	19991210 (60)
	US 1999-130390P	19990421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	



LINE COUNT: 11569  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN  
TI **Galectin-11** polypeptides  
AB The present invention relates to **galectin 11**  
proteins which are members of the galectin superfamily. In particular,  
the present invention relates to full-length polypeptides, fragments,  
and variants of **galectin 11**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:216222 USPATFULL  
TITLE: **Galectin-11** polypeptides  
INVENTOR(S): Ni, Jian, Rockville, MD, United States  
Gentz, Reiner L., Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Liu, Fu-Tong, San Diego, CA, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
La Jolla Institute for Allergy and Immunology, San Diego, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6605699	B1	20030812
APPLICATION INFO.:	US 2000-557170		20000421 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-109864, filed on 6 Jul 1998, now abandoned Continuation-in-part of Ser. No. US 1998-10146, filed on 21 Jan 1998, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34205P	19970121 (60)
	US 1997-34204P	19970121 (60)
	US 1999-169932P	19991210 (60)
	US 1999-130390P	19990421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Gambel, Phillip	
ASSISTANT EXAMINER:	Roark, Jessica H.	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	11440	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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to core patent offices  
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NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005  
NEWS 12 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download  
of Caplus documents for use in third-party analysis and  
visualization tools

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.89	1.89

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E3	0 -->	ROSEN,C/AU
E4	1	ROSENA BRUCE R/AU
E5	1	ROSENABUM S/AU
E6	1	ROSENACKER A F/AU
E7	1	ROSENACKER ARTHUR F/AU
E8	4	ROSENADA CEPERO R/AU
E9	1	ROSENAGER L/AU
E10	2	ROSENAK B/AU
E11	74	ROSENAK B D/AU
E12	34	ROSENAK D/AU

=> s lectin superfamily

L1 742 LECTIN SUPERFAMILY

=> s l1 and HJACE54

L2 4 L1 AND HJACE54

=> d l2 ti abs ibib tot

L2 ANSWER 1 OF 4 USPATFULL on STN

TI Polynucleotides and polypeptides encoding receptors

AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:202625 USPATFULL

TITLE: Polynucleotides and polypeptides encoding receptors

INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

PATENT ASSIGNEE(S): Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176044	A1	20050811
APPLICATION INFO.:	US 2005-41419	A1	20050125 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-156136, filed on 29 May 2002, ABANDONED Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, ABANDONED Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	2882	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L2 ANSWER 2 OF 4 USPATFULL on STN

TI Polynucleotides and polypeptides encoding receptors

AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:187906 USPATFULL

TITLE: Polynucleotides and polypeptides encoding receptors

INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Gentz, Reiner, Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003129696	A1	20030710
APPLICATION INFO.:	US 2002-156136	A1	20020529 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, PENDING Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	4490	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 4 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
TI New isolated poly:nucleotide(s) and encoded receptor poly:peptide(s) -  
used to develop products for diagnosing or treating e.g. immune  
disorders, cancers, blood disorders or immuno-compromised disease states  
AN AAW61627 Protein DGENE  
AB Clone **HJACE54** is a member of the Lectin receptor superfamily.  
The products generated using the receptor can be used for treating  
abnormal conditions related to both an excess of and insufficient amounts  
of receptor activity. They can be used in the treatment of e.g. immune  
disorders, cancers, blood disorders, juvenile rheumatoid arthritis,  
Graves disease or immunocompromised disease states. The products can  
also be used for detection and diagnosis.  
ACCESSION NUMBER: AAW61627 Protein DGENE  
TITLE: New isolated poly:nucleotide(s) and encoded receptor  
poly:peptide(s) - used to develop products for diagnosing or  
treating e.g. immune disorders, cancers, blood disorders or  
immuno-compromised disease states  
INVENTOR: Gentz R L; Ni J; Rosen C A  
PATENT ASSIGNEE: (HUMA-N)HUMAN GENOME SCI INC.  
PATENT INFO: WO 9831799 A2 19980723 79  
APPLICATION INFO: WO 1998-US959 19980121  
PRIORITY INFO: US 1997-34205 19970121  
US 1997-34204 19970121  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: 1998-427559 [36]  
CROSS REFERENCES: N-PSDB: AAV48123  
DESCRIPTION: Clone **HJACE54** of **Lectin**  
**superfamily**.

L2 ANSWER 4 OF 4 DGENE COPYRIGHT 2005 The Thomson Corp on STN  
TI New isolated poly:nucleotide(s) and encoded receptor poly:peptide(s) -  
used to develop products for diagnosing or treating e.g. immune  
disorders, cancers, blood disorders or immuno-compromised disease states  
AN AAV48123 cDNA DGENE  
AB Clone **HJACE54** is a member of the Lectin receptor superfamily.  
The products generated using the receptor can be used for treating  
abnormal conditions related to both an excess of and insufficient amounts  
of receptor activity. They can be used in the treatment of e.g. immune  
disorders, cancers, blood disorders, juvenile rheumatoid arthritis,  
Graves disease or immunocompromised disease states. The products can  
also be used for detection and diagnosis.  
ACCESSION NUMBER: AAV48123 cDNA DGENE  
TITLE: New isolated poly:nucleotide(s) and encoded receptor  
poly:peptide(s) - used to develop products for diagnosing or  
treating e.g. immune disorders, cancers, blood disorders or  
immuno-compromised disease states  
INVENTOR: Gentz R L; Ni J; Rosen C A  
PATENT ASSIGNEE: (HUMA-N)HUMAN GENOME SCI INC.  
PATENT INFO: WO 9831799 A2 19980723 79  
APPLICATION INFO: WO 1998-US959 19980121  
PRIORITY INFO: US 1997-34205 19970121  
US 1997-34204 19970121  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: 1998-427559 [36]  
CROSS REFERENCES: P-PSDB: AAW61627  
DESCRIPTION: Nucleotide sequence encoding clone **HJACE54** of  
**Lectin superfamily**.

=> d his

(FILE 'HOME' ENTERED AT 12:47:31 ON 25 OCT 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA,  
JICST-EPLUS, BIOTECHDS, SCISEARCH' ENTERED AT 12:52:46 ON 25 OCT 2005  
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L1 742 S LECTIN SUPER  
L2 4 S L1 AND HJACE54

=> s l2 and fusion protein  
4 FILES SEARCHED...

L3 2 L2 AND FUSION PROTEIN

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 2 USPATFULL on STN  
TI Polynucleotides and polypeptides encoding receptors  
AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:202625 USPATFULL  
TITLE: Polynucleotides and polypeptides encoding receptors  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176044	A1	20050811
APPLICATION INFO.:	US 2005-41419	A1	20050125 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-156136, filed on 29 May 2002, ABANDONED Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, ABANDONED Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	2882	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 USPATFULL on STN  
TI Polynucleotides and polypeptides encoding receptors  
AB Receptor polypeptides and polynucleotides and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing receptor polypeptides and polynucleotides in the design of protocols for the treatment of diseases and diagnostic assays

for such conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:187906 USPATFULL  
TITLE: Polynucleotides and polypeptides encoding receptors  
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Gentz, Reiner, Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003129696	A1	20030710
APPLICATION INFO.:	US 2002-156136	A1	20020529 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-764452, filed on 19 Jan 2001, PENDING Continuation of Ser. No. US 1998-10146, filed on 21 Jan 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34204P	19970121 (60)
	US 1997-34205P	19970121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	4490	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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Interleukin-1beta stimulates **galectin-9** expression in human astrocytes

H Yoshida, T Imaizumi, M Kumagai, K Kimura, C ... - Neuroreport, 2001 - neuroreport.com  
... The cells were stimulated with IL-1 $\beta$  in DMEM-HSA; and in experiments on ... Specific primers were designed from cDNA sequences for **galectin-9** and glyceraldehyde-3 ...  
[Cited by 11](#) - [Web Search](#) - [neuroreport.com](#) - [ncbi.nlm.nih.gov](#)

Specifications and Use

H Galectin - mdsystems.com  
... 0.1% HSA or BSA) should be added to the vial. ... Mouse **Galectin-3** The galectins constitute a large family of carbohydrate-binding proteins with specificity for N ...  
[View as HTML](#) - [Web Search](#) - [mdsystems.com](#) - [functionalglycomics.org](#) - [mit.edu](#) - [all 6 versions »](#)

SHORT COMMUNICATION Exclusion of **galectin 9** as a candidate gene for hyperuricosuria in the Dalmatian ...

DL Bannasch, JR Ryun, MJ Bannasch, RH Schaible, M ... - Animal Genetics, 2004 - blackwell-synergy.com  
... 2001), a region that has been shown to be homologous to HSA 17p12-p11.2, the location of the human **galectin 9** gene (Lipkowitz et al. 2001). ...  
[Web Search](#) - [ingentaconnect.com](#) - [ncbi.nlm.nih.gov](#)

Human serum albumin minimally modified by methylglyoxal binds to human mononuclear leukocytes via ...

R Ng, OK Argirov, N Ahmed, B Weigle, PJ Thornalley - 2002 - ingentaconnect.com  
... to the receptor for advanced glycation endproducts (RAGE) inhibited the specific binding of MG min -HSA to HMLs but antibodies to 80K-H, **galectin-3** and control ...  
[Cited by 5](#) - [Web Search](#) - [ingentaconnect.com](#)

Phylogenetic Analysis of the Vertebrate **Galectin** Family

D Houzelstein, IR Goncalves, AJ Fadden, SS Sidhu, ... - Molecular Biology and Evolution, 2004 - mbe.oupjournals.org  
... contig of the porcine gene RYR1 region on SSC 6q1.2 and comparative analysis with HSA 19q13.13 ... **Galectin-3** induces endothelial cell morphogenesis and angiogenesis ...  
[Cited by 3](#) - [Web Search](#) - [bioch.ox.ac.uk](#) - [apt.allenpress.com](#) - [ncbi.nlm.nih.gov](#) - [all 6 versions »](#)

Proteomics Approaches to Identify Phosphorylation Modifications Induced by **Galectin-1** in Jurkat T-

...  
A Binding, MLC Lines - mcponline.org  
Page 1. 26.1 Proteomics Approaches to Identify Phosphorylation Modifications Induced by **Galectin-1** in Jurkat T-Cells R. Joubert-Caron ...  
[Web Search](#)

The role of Thomsen-Friedenreich antigen in adhesion of human breast and prostate cancer cells to

...  
VV Glinsky, GV Glinsky, K Rittenhouse-Olson, ME ... - Cancer Res, 2001 - cancerres.aacrjournals.org  
... C and D, the effect of ASF and T-HSA on **galectin-3** surface expression on endothelial cells. Note the increase in **galectin-3** surface ...  
[Cited by 30](#) - [Web Search](#) - [cancerres.aacrjournals.org](#) - [ncbi.nlm.nih.gov](#) - [ncbi.nlm.nih.gov](#)

Frontal Affinity Chromatography

DC Schriemer - pubs.acs.org  
... Hage's experiments showed that the active capacity of an HSA stationary phase ... tensively applied FAC to the analysis of a series of **galectin-car-**bohydrate ...  
[Web Search](#)



AGEs induce oxidative stress and activate protein kinase C-beta (II) in neonatal mesangial cells

V Scivittaro, MB Ganz, MF Weiss - Am J Physiol Renal Physiol, 2000 - intl-ajprenal.physiology.org

... this report demonstrate that exposure to AGE-HSA or CML-HSA induces translocation ...

diverse and includes the receptor for AGE (RAGE), lactoferrin, **galectin-3/p60** ...

Cited by 44 - Web Search - med.uio.no - ajprenal.physiology.org - ncbi.nlm.nih.gov

Evidence of porcine and human endothelium activation by cancer-associated carbohydrates expressed on ...

OV Glinskii, JR Turk, KJ Pienta, VH Huxley, VV ... - The Journal of Physiology, 2004 - jp.physoc.org

... of asialofetuin (a glycoprotein expressing multiple TF antigen epitopes) and TF

antigen-human serum albumin conjugate (TF-HSA) to increase **galectin-3** cell ...

Cited by 5 - Cached - Web Search - blackwell-synergy.com - dx.doi.org - jphysiol.org - all 8 versions »

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☐ 1. Document ID: US 6605699 B1

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L5: Entry 1 of 1

File: USPT

Aug 12, 2003

US-PAT-NO: 6605699

DOCUMENT-IDENTIFIER: US 6605699 B1

TITLE: Galectin-11 polypeptides

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ni; Jian	Rockville	MD		
Gentz; Reiner L.	Rockville	MD		
Rosen; Craig A.	Laytonsville	MD		
Liu; Fu-Tong	San Diego	CA		

US-CL-CURRENT: 530/350; 424/134.1, 424/184.1, 424/185.1, 424/192.1, 435/69.1, 435/71.1, 530/387.3, 530/395, 530/396

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Ima
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L5   L2 and (HA or HSA or albumin)   1   L5

L4   L2 and (fusion protein)   1   L4

L3   2003129696   1   L3

L2   6605699.pn.   1   L2

*DB=USPT; PLUR=YES; OP=OR*

L1   log y   636487   L1

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## Refine Search

### Search Results -

Terms	Documents
L6 and L5	2

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### Search History

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	L6 and L5	2	<u>L7</u>
<u>L6</u>	rosen.in.	6861	<u>L6</u>
<u>L5</u>	L4 and (HJACE54)	2	<u>L5</u>
<u>L4</u>	L3 and (extended shelf-life)	93993	<u>L4</u>
<u>L3</u>	albumin fusion protein	637901	<u>L3</u>
<i>DB=PGPB; PLUR=YES; OP=OR</i>			
<u>L2</u>	L1 and "HJACE54"	1	<u>L2</u>
<u>L1</u>	20050037022	1	<u>L1</u>

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☐ 1. Document ID: US 20050037022 A1

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L7: Entry 1 of 2

File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050037022

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050037022 A1

TITLE: Albumin fusion proteins

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Rosen</u> , Craig A.	Laytonsville	MD	US
Haseltine, William A.	Washington	DC	US

US-CL-CURRENT: 424/192.1; 435/320.1, 435/325, 435/69.7, 530/363, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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☐ 2. Document ID: US 20040010134 A1

L7: Entry 2 of 2

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040010134

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040010134 A1

TITLE: Albumin fusion proteins

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Rosen</u> , Craig A.	Laytonsville	MD	US
Haseltine, William A.	Washington	DC	US

US-CL-CURRENT: 536/23.5; 435/320.1, 435/325, 435/69.7, 530/363

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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